			31,1-2-31, 111310311111111111111111111111111111										FHWA STATE	ffed Alb	SUEET TOTAL
PHASING DIAGRAM													REGION NO STATE	FED. AID PROJ. NO	SHEET TOTAL SHEETS
1 2 3 4 5 6 7 8 9 10 11 12 13 14			150	SF		REMOVE AND RE-INSTALL B	RICK	8044	1800	LF	810	FURNISH AND INSTALL ELECTRICAL CABLE— 2 CONDUCTOR (ALUMINUM SHIELDED)	3 MD.		2 2
		8019	1	EA	816	INSTALL CONTROLLER AND C	CABINET-	8046	2450	LF	810	FURNISH AND INSTALL ELECTRICAL CABLE— 3 CONDUCTOR (NO 14 AWG)			
PHASE 2 G G G R R R W W W W DW DW		8057	63	SF	813	INSTALL OVERHEAD SIGN		8047	1600	LF	810	FURNISH AND INSTALL ELECTRICAL CABLE— 5 CONDUCTOR (NO 14 AWG)			
2 CHANGE Y Y Y R R R DW	0	8011 8014	14 3	EA EA	814	INSTALL SIGNAL HEAD (ANY INSTALL OPTICOM DETECTOR		8043	825	LF	810	FURNISH AND INSTALL LOOP WIRE - NO 14 AWG - THWN			
4 PED CLEAR R R R G G G DW	0	8035	14	EA	811	FURNISH AND INSTALL ELEC		8022	250	LF	815	FURNISH AND INSTALL SAWCUT FOR SIGNAL			
PRE-EMPTION PHASE A G G G R R R DW DW	•	8001	15	CY	801	FURNISH AND INSTALL CONC	REIE FOR SIGNAL	8049	725	LF	810	(LOOP DETECTOR) FURNISH AND INSTALL ELECTRICAL CABLE —			
PRE-EMPTION R R R R G G G DW D		8024	40	LF	805	FURNISH AND INSTALL 1" LI FLEXIBLE NON-METALLIC CO		8003	4	EA	818	2 CONDUCTOR (NO 12 AWG) FURNISH AND INSTALL BREAKAWAY			
PHASE C R R R R R DW	1	8025	350	LF	805	DETECTOR SLEEVE FURNISH AND INSTALL 2 IN	CH ELECTRICAL	8040	850	LF	810	PEDESTAL POLE (ANY SIZE) FURNISH AND INSTALL 4 CONDUCTOR			
FLASHING OPERATION FL/Y FL/Y FL/R FL/R OFF OFF OFF OFF OFF OFF OFF OFF OFF OF						CONDUIT — PVC SCHEDULE (TRENCHED)	40 — BURIED	33.0				OPTICOM DETECTOR CABLE			
EQUIPMENT LISTS		8028	65	LF	805	FURNISH AND INSTALL 3 INC	CH ELECTRICAL		8	SF		FURNISH AND INSTALL INTERNALLY ILLUMINATED SIGN	,		
A. EQUIPMENT TO BE SUPPLIED BY THE SHA.						CONDUIT - PVC SCHEDULE (TRENCHED)	40 — BURIED	8061	4	ĽΛ		REMOVE AND DISPOSE OF EXISTING			
SPECIFICATION ITEM NO. QUANTITY UNIT SECTION DESCRIPTION		0074	005		20.5		NV 51555000	0001	7	LA		FOUNDATION 12 INCH BELOW GRADE			
		8031	225	LF	805	FURNISH AND INSTALL 4 INC CONDUIT - PVC SCHEDULE		8062	1	EA		REMOVAL OF EXISTING CONTROLLER, CABINET	-		
1 EA BASE MOUNTED MASTER/LOCAL CABINET (SIZE 6) WITH DETECTION EQUIPMENT WITH						(TRENCHED)						AND GALVANIZED SIGNAL STRUCTURE			
8 PHASE ASC II CONTROLLER WITH		8026	500	LF	805	FURNISH AND INSTALL 2 INC	CH ELECTRICAL	8063	1	EĄ		DELIVERY OF REMOVED CONTROLLER, CABINE	Т		
TELEMETRY MASTER CONTROLLER WITH						CONDUIT - PVC SCHEDULE	80 - ENCASED					AND GALVANIZED SIGNAL STRUCTURE			
TELEMETRY AND OPTICOM DETECTION						(SLOTTED IN ROAD)		8064	1	EA		REMOVE AND DISPOSE OF EXISTING MATERIA	-		
9008 3 EA (CONT/CAB/ADD) OPTICOM DETECTOR EYE		8029	40	LF	805	FURNISH AND INSTALL 3 INC CONDUIT - PVC SCHEDULE :						AND EQUIPMENT PER ASSIGNMENT			
9014 4 EA (MAST ARM MT) 12" 1—WAY, 3—SECTION SIGNAL (ALUMINUM, BLACK)						(SLOTTED IN ROAD)	SO ENONGED					THE CONTRACTOR AND DELIVERED TO ORIAL BLVD., HAGERSTOWN, MD 21740-4817.			
9027 2 EA (PED POLE MT) 12" 1—WAY, 2—SECTION		8032	45	LF	805	FURNISH AND INSTALL 4 INC	CH ELECTRICAL					577 EXT. 177 AT LEAST THREE (3) WORKING			
SIGNAL ALUMINUM (PED) (BLACK)						CONDUIT - PVC SCHEDULE (BO — ENCASED	DAYS IN	ADVANCE OF	DELIVERY					
9033 2 EA (PED POLE MT) 8" 1—WAY, 3—SECTION						(SLOTTED IN ROAD)			QUANTITY (JNIT		DESCRIPTION	98		
SIGNAL ALUMINUM (BLACK)		8076	1	EA	807	FURNISH AND INSTALL CONT	ROL AND		1	EA		CONTROLLER AND CABINET			
9035 6 EA (SIDE OF POLE MT) 12" 1-WAY, 2-SECTION SIGNAL ALUMINUM (PED) (BLACK)		8087	8	EA		PAINT STRUCTURE (ON GROU	JND)					BE REMOVED BY THE CONTRACTOR, BUT E PROPERTY OF THE CONTRACTOR.			
9089/9090 63 SF 813 FLAT SHEET ALUMINUM SIGNS CONSISTING OF:		8097	4	EA	818	FURNISH AND INSTALL MAST	ARM POLE								
- 2 EACH R6-1L (36" X 12")-POLE MOUNT						AND 38 FT MAST ARM									
- 2 EACH R6-1R (36" X 12")-POLE MOUNT - 2 EACH R10-11b (24" X 24")-MAST ARM MOUNT		8006	4	EA		CUT, CLEAN, GALVANIZE AND TRAFFIC SIGNAL STRUCTURE									
- 1 EACH D3-2 (ARROW-N. Potomac St/		8066	1	EA		RESURVEY AND AS-BUILT FO	DR TRAFFIC								
S. Potomac St—ARROW)(VAR." X 32")— MAST ARM MOUNT						CONTROL DEVICE									
- 1 EACH D3-2 (ARROW-E. Washington St/ W. Washington St-ARROW)(VAR." X 32")-		8059	2	EA	806	FURNISH AND INSTALL 250 LUMINAIRE WITH PHOTOCELL	WATT HPS								
MAST ARM MOUNT B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.		8060	2	EA	818	FURNISH AND INSTALL LIGHT									
SPECIFICATION		8037	9	EA	804	FURNISH AND INSTALL GROU	IND ROD								
ITEM NO. QUANTITY UNIT SECTION DESCRIPTION						(3/4 INCH X 10 FEET)	•								
1001 1 EA MAINTENANCE OF TRAFFIC PER ASSIGNMENT		8052	400	LF	810	FURNISH AND INSTALL NO. 6 STRANDED BARE COPPER GR									
1003 1 EA MOBILIZATION FOR ASSIGNMENTS OUT OF CONTRACT AREA		8053	400	F	810	FURNISH AND INSTALL ELECT	TRICAL CABLE							<u>.</u>	
2001 5 CY 205 TEST PIT EXCAVATION						1-CONDUCTOR NO. 4 AWG -	HHN/THWN								
43 TON 504 HOT MIX ASPHALT BASE BF						REVISIONS	APPROVALS			MDO	OT -	STATE HIGHWAY ADI			
2005 40 CY REMOVAL OF EXISTING SIDEWALK							CHIEF, SIGNAL DESIGN SECTION	_			т	Office of Traffic & So RAFFIC ENGINEERING DESIG			
5005 500 LF SP 555 24 INCH WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE								DRAWN E	3Y: <u>R. IS</u>	AACS	1	US 40	East (Eas	st/West	· 1757
5008 60 LF REMOVE EXISTING PAVEMENT MARKINGS— ANY WIDTH		A/E GROENS	• PLANNI	ERS			ASST. DISTRICT ENGINEER, TRAFFIC	DES. BY:	J. L./	WRENCE		at North	ashington South Pot	St.) omac WASHINGTON	St.
6001 75 SF FURNISH AND INSTALL 4 IN CONCRETE SIDEWALK		181 E. N Westminster, A/E Job	lain Stree Maryland No. 95—2	21158			CHIEF, TRAFFIC ENGINEERING DESIGN DIVIS	DATE:	· · · · · · · · · · · · · · · · · · ·			F.A.P. NO. AW105A5D, AW105B5D	TS/STD. NO. 3667-G	SH	EET NO.
							DIRECTOR, OFFICE OF TRAFFIC & SAFETY	SCALE:				S.H.A. NOS. "TO COLONIA (COLONIA) PARIO SELECTION DE LA COLONIA (COLO	- 0001 G		_ \w\rac{1}{2}